

SANTEE RIVER BASIN

02162700 MIDDLE BRANCH NEAR EASLEY, SC

LOCATION.--Lat 34°47'16'', long 82°32'04'', Anderson County, Hydrologic Unit 03050109, on downstream side of bridge on S.C. Highway 94, 0.5 mi upstream of Horn Creek, and 4.5 mi southeast of Easley.

DRAINAGE AREA.--6.54 mi².

PERIOD OF RECORD.--May 1998 to September 1999.

GAGE.--Data collection platform. Elevation of gage is 856 ft above sea level (from topographic map).

REMARKS.--Records good except for estimated daily discharges, which are poor.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	---	6.5	3.6	1.6	1.5
2	---	---	---	---	---	---	---	---	13	3.5	1.4	1.5
3	---	---	---	---	---	---	---	---	6.9	3.4	1.2	8.7
4	---	---	---	---	---	---	---	---	7.7	7.7	.88	4.1
5	---	---	---	---	---	---	---	---	17	6.5	.96	2.5
6	---	---	---	---	---	---	---	---	8.6	4.5	1.1	3.6
7	---	---	---	---	---	---	---	---	7.1	4.0	1.2	2.2
8	---	---	---	---	---	---	---	---	6.6	3.7	3.5	2.9
9	---	---	---	---	---	---	---	---	9.0	3.5	3.9	2.5
10	---	---	---	---	---	---	---	---	14	3.1	2.7	2.3
11	---	---	---	---	---	---	---	---	9.8	3.1	2.1	1.8
12	---	---	---	---	---	---	---	---	7.4	3.4	2.0	1.4
13	---	---	---	---	---	---	---	---	6.5	3.2	2.2	1.4
14	---	---	---	---	---	---	---	---	5.9	3.1	2.8	1.5
15	---	---	---	---	---	---	---	---	5.8	2.9	8.0	1.6
16	---	---	---	---	---	---	---	---	7.3	2.8	7.1	1.9
17	---	---	---	---	---	---	---	---	6.0	3.5	3.6	1.5
18	---	---	---	---	---	---	---	---	7.0	5.3	2.6	1.6
19	---	---	---	---	---	---	---	---	6.6	15	3.1	2.7
20	---	---	---	---	---	---	---	---	6.3	7.9	2.6	2.7
21	---	---	---	---	---	---	---	---	6.3	6.6	3.0	11
22	---	---	---	---	---	---	---	---	6.4	7.0	1.9	4.3
23	---	---	---	---	---	---	---	---	6.4	6.0	2.9	3.1
24	---	---	---	---	---	---	---	---	6.4	4.9	1.8	2.9
25	---	---	---	---	---	---	---	---	6.5	4.9	3.3	3.0
26	---	---	---	---	---	---	---	---	5.6	4.2	2.2	2.7
27	---	---	---	---	---	---	---	---	12	4.0	1.9	2.7
28	---	---	---	---	---	---	---	---	10	4.1	1.6	3.0
29	---	---	---	---	---	---	---	---	8.5	4.3	1.4	5.7
30	---	---	---	---	---	---	---	---	8.2	4.0	1.5	8.3
31	---	---	---	---	---	---	---	---	7.4	---	1.6	---
MEAN	---	---	---	---	---	---	---	7.40	7.44	3.19	2.32	3.22
MAX	---	---	---	---	---	---	---	12	17	7.7	8.0	11
MIN	---	---	---	---	---	---	---	5.6	4.0	1.4	.88	1.4

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1998 - 1998, BY WATER YEAR (WY)

MEAN	---	---	---	---	---	---	---	---	7.44	3.19	2.32	3.22
MAX	---	---	---	---	---	---	---	---	7.44	3.19	2.32	3.22
(WY)	---	---	---	---	---	---	---	---	1998	1998	1998	1998
MIN	---	---	---	---	---	---	---	---	7.44	3.19	2.32	3.22
(WY)	---	---	---	---	---	---	---	---	1998	1998	1998	1998

SUMMARY STATISTICS

FOR 1998 WATER YEAR

HIGHEST DAILY MEAN	17	Jun	5
LOWEST DAILY MEAN	.88	Aug	4
ANNUAL SEVEN-DAY MINIMUM	1.2	Aug	1
10 PERCENT EXCEEDS	8.2		
50 PERCENT EXCEEDS	3.3		
90 PERCENT EXCEEDS	1.5		

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.5	3.2	4.0	5.9	e75	6.7	e140	9.1	2.9	4.1	2.3	1.3
2	2.9	3.4	3.9	e9.0	36	5.9	18	6.5	4.7	3.9	2.1	1.4
3	2.9	6.6	4.0	e33	17	11	11	5.9	8.8	3.7	2.0	1.2
4	e27	3.6	3.7	12	13	7.3	9.3	5.0	4.2	3.1	1.6	1.1
5	5.9	3.7	3.9	8.7	10	6.3	7.9	8.4	4.5	e13	1.3	1.2
6	4.6	3.9	4.1	8.7	9.4	6.9	7.1	19	3.8	7.7	1.3	1.4
7	e17	4.0	4.1	8.1	9.0	6.3	6.7	26	3.2	4.5	1.2	1.3
8	e62	4.1	5.1	8.3	8.5	5.8	6.1	10	3.3	4.2	1.2	1.1
9	7.4	6.4	5.0	9.1	7.8	8.6	6.2	7.1	2.8	3.2	1.3	1.3
10	5.5	5.1	3.8	7.5	10	7.9	5.3	5.7	6.2	5.8	1.3	1.6
11	4.9	9.2	3.6	7.3	8.2	6.7	5.0	5.9	4.8	5.4	1.3	1.3
12	4.1	4.2	3.5	6.9	8.0	5.9	4.0	6.2	2.9	10	1.2	1.1
13	3.9	3.8	23	6.5	7.7	5.9	3.8	5.8	2.9	5.8	1.2	1.1
14	4.0	7.9	6.2	6.8	7.2	15	4.1	5.4	3.1	4.5	1.2	1.2
15	3.6	10	4.6	13	7.0	8.6	6.7	4.8	3.9	3.5	1.3	1.1
16	3.8	11	5.5	7.2	6.6	6.9	5.0	4.2	30	3.2	1.5	.97
17	3.6	6.4	4.1	8.9	6.9	6.4	4.1	4.0	7.9	3.2	1.3	.85
18	3.7	4.6	3.8	12	13	5.7	4.1	4.1	5.0	3.0	1.1	1.0
19	3.8	4.3	6.1	8.3	29	5.2	4.2	3.9	4.5	2.5	.99	1.1
20	3.9	4.6	6.0	7.5	14	5.0	4.5	3.5	4.4	3.8	1.2	1.3
21	3.9	4.7	6.6	7.3	10	14	4.2	3.5	3.4	4.4	1.4	6.2
22	4.2	4.4	6.6	7.1	8.9	7.8	4.0	3.7	3.2	3.9	1.2	3.4
23	4.0	4.6	12	26	8.3	6.4	3.6	4.0	3.3	2.5	1.3	1.8
24	4.2	4.5	e32	27	7.9	6.0	3.7	3.3	4.7	2.3	11	1.5
25	4.2	4.6	19	12	7.7	6.3	3.8	2.9	27	2.1	3.6	1.1
26	3.9	4.5	10	9.8	7.3	10	4.9	3.7	9.1	1.8	2.6	1.5
27	3.4	4.5	7.6	9.1	7.0	8.2	14	3.4	8.7	2.0	2.4	17
28	3.3	4.2	9.7	8.2	8.2	6.6	8.7	3.1	13	2.1	2.1	7.9
29	3.3	4.1	8.9	7.7	---	6.4	19	3.3	4.8	2.8	1.6	6.0
30	3.0	4.1	6.7	10	---	6.0	35	3.0	4.3	2.7	1.6	4.2
31	3.0	---	6.1	14	---	11	---	2.8	---	2.0	1.4	---
MEAN	7.05	5.14	7.52	10.7	13.2	7.51	12.1	6.04	6.51	4.09	1.87	2.48
MAX	62	11	32	33	75	15	140	26	30	13	11	17
MIN	2.9	3.2	3.5	5.9	6.6	5.0	3.6	2.8	2.8	1.8	.99	.89

[illegible]

SANTEE RIVER BASIN

02162700 MIDDLE BRANCH NEAR EASLEY, SC--Continued
FOR 1999 WATER YEAR

SUMMARY STATISTICS

ANNUAL MEAN	6.97	
HIGHEST DAILY MEAN	140	Apr 1
LOWEST DAILY MEAN	.85	Sep 17
ANNUAL SEVEN-DAY MINIMUM	1.0	Sep 12
INSTANTANEOUS PEAK FLOW	Unknown	Apr 1
INSTANTANEOUS PEAK STAGE	2.54	Apr 1
10 PERCENT EXCEEDS	11	
50 PERCENT EXCEEDS	4.6	
90 PERCENT EXCEEDS	1.4	

e Estimated

